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L5	190	(determin$5 identify$5 detect$5) near3 (spam$5 unwant$5) near3 (email e-mail$3 message$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 10:47
L6	5	(determin$5 identify$5 detect$5) near3 (spam$5 unwant$5) near3 (email e-mail$3 message$5) with (real-time$3 (real$3 adj time$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 10:52
L7	2	("20020184315").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 10:50
L8	50	"6161130"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 10:50
L9	2550	(709/206).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 10:50
L10	52	9 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 10:50
L11	5	6 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 10:51

L12	3	6 and 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 10:51
L13	0	12 and @ad<"20010316"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/07 10:51

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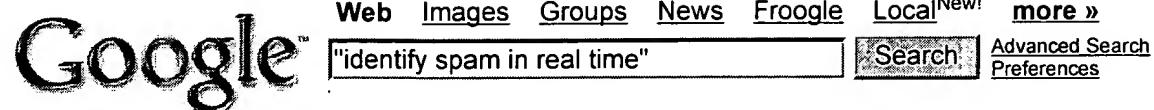
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... it also sounds like you are making a huge jump in faith that somehow network
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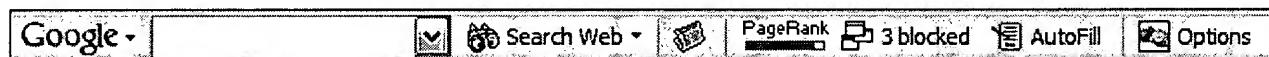
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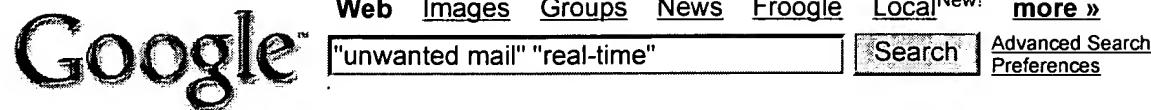
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gemal.dk - Support for **Real Time** Black Lists in Mozilla Mail
... has made some excellent strides in the fight against **unwanted mail** (SPAM). ... by
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... **Real-time** Black Hole Lists (RBLs) ... When you use a junk mail filter, make sure that you
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... of **unwanted mail** and the characteristics of legitimate mail. ... Several **real time**
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Attack of the Spam, Enterprise Edition
... The Spam Blocker extension uses multiple **Real-Time** Blackhole Lists (RBLs) to stop
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Peek@Mail - About Email Product Review
... It can filter spam based on **real-time** blacklists. ... message headers only at the server to
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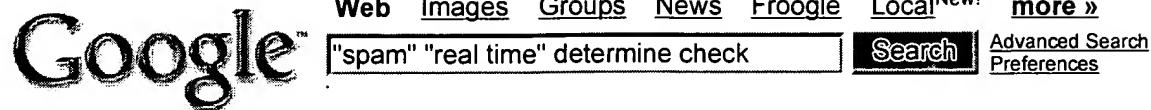
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Blocking SPAM (UCE) using Postfix
... then you would not be able to **determine** the helo, sender, and recipient ...
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Anti-spam for Exchange Server 2003, 2000, 5.5 and Lotus Domino
... By using **real-time** black lists Policy Patrol can stop **spam** from even ...
Policy Patrol can also be configured to specifically **check** the HTML code, ...
www.policypatrol.com/PolicyPatrolSpamFilter.htm - 25k - Cached - Similar pages

SOE SPAM Firewall FAQ
... and uses a rating criteria and threshold to **determine spam** likelihood. ...
when you activate the campus **spam** filters, you'll need to **check** all that **spam** ...
soe.uwm.edu/**spam**faq.htm - 17k - Cached - Similar pages

ServePath Spam & Virus Filtering Specifications
... of tests to **determine** whether the message is **spam**, a virus or a valid Email.
These tests are performed in **real-time** and do not delay the transmission of ...
www.servepath.com/hosted/mail_filtering_specs.htm - 46k - Cached - Similar pages

Graith Internet - Spam Bouncer
... to **determine** the likelihood of any particular message being **spam**. ...
SPAM Bouncer checks for the presence of the originating mail servers in any of ...
www.graith.co.uk/**spam**_bouncer.php - 21k - Mar 5, 2005 - Cached - Similar pages

Spam and Virus Protection.
... You should double **check** the virus scanning documentation to **check** the error
... identified as **spam** by SmiteSpam or external **spam** identification filters. ...
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Sophos spam glossary
... used by Sophos PureMessage to **determine** if an email is **spam** or not. ...
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... for spammers to **determine** the information they need to **spam** you. ... Brad Choate's
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1 Fast detection of communication patterns in distributed executions
Thomas Kunz, Michiel F. H. Seuren
November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research**
Full text available: 📄 pdf(4.21 MB)   Additional Information: full citation, abstract, references, index terms

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

2 Columns: Risks to the public in computers and related systems
Peter G. Neumann
January 2001 **ACM SIGSOFT Software Engineering Notes**, Volume 26 Issue 1
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3 Knowledge-based assistant for colonscopy
L. Enrique Sucar, Duncan F. Gillies
June 1990 **Proceedings of the third international conference on Industrial and engineering applications of artificial intelligence and expert systems - Volume 2**
Full text available: 📄 pdf(820.76 KB)   Additional Information: full citation, abstract, references, index terms

Endoscopy is a complex task in which an expert physician is required to guide the endoscope inside the human colon. The objective of this system is to develop a computer assistant that could help the doctor with the navigation of the endoscope inside the colon, serving as an advisory system for learning endoscopists. A knowledge-base (KB) in colon endoscopy has been compiled from the knowledge extracted from an expert colonoscopist. It includes knowledge for colon image interpret ...

4 Information retrieval on the web
Mei Kobayashi, Koichi Takeda
June 2000 **ACM Computing Surveys (CSUR)**, Volume 32 Issue 2

Full text available: pdf(213.89 KB)   Additional Information: full citation, abstract, references, citings, index terms

In this paper we review studies of the growth of the Internet and technologies that are useful for information search and retrieval on the Web. We present data on the Internet from several different sources, e.g., current as well as projected number of users, hosts, and Web sites. Although numerical figures vary, overall trends cited by the sources are consistent and point to exponential growth in the past and in the coming decade. Hence it is not surprising that about 85% of Internet user ...

Keywords: Internet, World Wide Web, clustering, indexing, information retrieval, knowledge management, search engine

5 Session 13: scheduling and operating systems: Tolerating node failures in cache only memory architectures
A. Gefflaut, C. Morin, M. Banâtre
November 1994 **Proceedings of the 1994 ACM/IEEE conference on Supercomputing**

Full text available: pdf(996.24 KB)   Additional Information: full citation, abstract, references

COMAs (Cache Only Memory Architectures) are an interesting class of large scale shared memory multiprocessors. They extend the concepts of cache memories and shared virtual memory by using the local memories of the nodes as large caches for a single shared address space. Due to their large number of components, these architectures are particularly susceptible to hardware failures and so fault tolerance mechanisms have to be introduced to ensure a high availability. In this paper, we propose an i ...

6 Electronic commerce: a half-empty glass?
Sasa Dekleva
June 2000 **Communications of the AIS**

Full text available: pdf(343.49 KB)   Additional Information: full citation, references

7 Specification, validation, and synthesis of email agent controllers: A case study in function rich reactive system design
Robert J. Hall
August 2000 **Proceedings of the third workshop on Formal methods in software practice**

Full text available: pdf(527.90 KB)   Additional Information: full citation, abstract, references, index terms

With a few exceptions, previous formal methods for reactive system design have focused on finite state machines represented in terms of boolean states and boolean next-state functions. By contrast, in many reactive system domains requirements engineers and developers think in terms of complex data types and expressive next-state functions. Formal methods for reactive system design must be extended to meet their needs as well. I term a reactive system function rich if expr ...

Keywords: Electronic Mail, Formal Methods, Reactive Systems

8 The development of Erlang
Joe Armstrong
August 1997 **ACM SIGPLAN Notices , Proceedings of the second ACM SIGPLAN international conference on Functional programming**, Volume 32 Issue 8

Full text available: pdf(658.07 KB)   Additional Information: full citation, abstract, references, citings, index

terms

This paper describes the development of the programming language Erlang during the period 1985--1997.Erlang is a concurrent programming language designed for programming large-scale distributed soft real-time control applications.The design of Erlang was heavily influenced by ideas from the logic and functional programming communities. Other sources of inspiration came from languages such as Chill and Ada which are used in industry for programming control systems.

9 Fast software processing of motion JPEG video
B. Smith
October 1994 **Proceedings of the second ACM international conference on Multimedia**

Full text available: pdf(843.65 KB)   Additional Information: full citation, abstract, references, citings, index terms

This paper introduces a set of techniques for processing video data compressed using JPEG compression at near real-time rates on current generation workstations. Performance is improved over traditional methods by processing video data in compressed form, avoiding compression and decompression and reducing the amount of data processed. An approximation technique called condensation is developed that further reduces the complexity of the operation. The class of operations th ...

10 Increasing the realibility of email services
Joe Armstrong
March 2000 **Proceedings of the 2000 ACM symposium on Applied computing**

Full text available: pdf(342.83 KB)   Additional Information: full citation, references, index terms

Keywords: Erlang, IMAP4, POP3, SMTP, email, functional programming, reliability

11 Forum
September 1999 **Communications of the ACM**, Volume 42 Issue 9

Full text available: pdf(157.63 KB)
html(24.42 KB)   Additional Information: full citation, index terms

12 Netman: a learning network traffic controller
Bernard Silver
June 1990 **Proceedings of the third international conference on Industrial and engineering applications of artificial intelligence and expert systems - Volume 2**

Full text available: pdf(963.64 KB)   Additional Information: full citation, abstract, references, index terms

One of the goals of Machine Learning is the production of software that can improve itself. Such software can learn from experience and adapt to changing situations and requirements. In addition, such software can refine its knowledge-base, perhaps leading to a level of expertise beyond that of human experts. This paper describes NETMAN, a knowledge-based program that uses a machine learning technique, Knowledge-based Learning, in the domain of Network Traffic Co ...

13 Columns: Risks to the public in computers and related systems
Peter G. Neumann
March 2001 **ACM SIGSOFT Software Engineering Notes**, Volume 26 Issue 2

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1 **Operating firewalls outside the LAN perimeter**
Smith, R.N.; Bhattacharya, S.;
Performance, Computing and Communications Conference, 1999. IPCCC '99. IEEE International , 10-12 Feb. 1999
Pages:493 - 498

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